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# The Tech.

VOL. XIII.

BOSTON, FEBRUARY 8, 1894.

NO. 17.

#### бне бесн.

Published every Thursday, during the college year, by students of the Massachusetts Institute of Technology.

ANDREW DANIEL FULLER, '95, Editor in Chief.
CHARLES GILMAN HYDE, '96, Assistant Editor in Chief.
RAYMOND BEACH PRICE, '94.
FREDERIC WAIT LORD, '94.
COLBERT ANDERSON MACCLURE, '94.
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EDWARD ARTHUR BALDWIN, '96, Secretary.

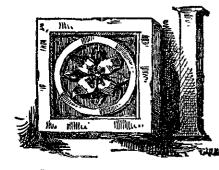
ROBERT DOUGLAS FLOOD, '96, Business Manager.

Subscription, \$2.50 per year, in advance. Single copies, 10 cts. each.

For the benefit of students THE TECH will be pleased to answer all questions and obtain all possible information pertaining to any department of the College.

Contributions are requested from all undergraduates, alumni, and officers of instruction. No anonymous manuscript can be accepted.

FRANK WOOD, PRINTER, 352 WASHINGTON STREET, BOSTON.



N a recent issue of THE TECH mention was made of the prizes offered by The Engineering News for the best theses submitted by

students from any college in the country. the list of the prize winners of last year Technology did not appear. This undoubtedly appeared strange both to students and friends of Technology. It is, however, easily explained by the fact that Tech students were not encouraged by any of our professors to enter the contest, on account of the fact that presumably these prizes are offered in order to secure the theses for publication, and hence many highly meritorious theses would, by reason of the subjects treated, not be of sufficiently widespread interest to be published in the columns of the paper in question. Thus in view of the fact that an unbiased judgment would not in all probability decide the relative merits of the theses received, it was thought best not to advise students to enter the competition. This, however, does not prevent any student from doing so, if he wishes; but in case any should compete, the result cannot be taken as a measure of the merits of the theses of Technology in comparison with those of other colleges having a less scientific character.

T is a surprising and almost unaccountable fact that the percentage of failures in Heat, within the last five years, has varied only within five per cent. This year the per cent of failures is exactly the mean between the limits of variation. Unfortunately, we are unable to obtain the exact per cent of failures; but if we are to believe the traditions which come to our ears, or those carved upon the desks in the examination halls, we must give Heat the palm for failures. Why a subject which is so short as Heat should fail so many students is not easily answered. subject the F's fall promiscuously upon the honor man and the average man as though the marks were a matter of chance.

Heat is the most scientific subject which is taken by all courses in common, and, therefore requires the most exact statements and the closest study of any of our general subjects. Then, out of the thirteen courses which take Heat, the majority are not only not interested in it, but they feel that it will never be of any practical use to them. It is looked upon as a dose of medicine,—not pleasant, but necessary. This alone may explain why the subject is not studied minutely, and this, in part, will show why so great a number fail to pass.

In studying the "Lecture Notes" the student is warned that, "in reading these sections, the foregoing statements and phraseology of these notes must be borne in mind." This is the key to a P in Heat. It may be enough in most subjects to have the principle well in mind, but with Heat more is necessary. It is hard to improve on the statements and definitions which have been made by trained scientists. A word changed may limit or expand the definition to a large degree. Thus our unscientific English may be as much to blame for the failures in Heat as the lack of knowledge of the subject itself.

THE Senior dinner of the class of '94, to be at the Parker House on Tuesday evening, February 20th, promises to be a worthy culmination of the culinary festivities of this progressive class. Hard times have left their impression upon the students in general, but the poorest man in the Senior class cannot afford to miss the coming opportunity for jovial fellowship, indigestion, and temporary relief from the trials and vexations of his closing college days. Money may be scarce for the time, but it is better to stint one's self now and carry happy memories forever, than to look back some years hence and regret that even one of the few occasions offered for meeting classmates in loyal unrestraint was neglected.

It is needless to say that the committee in charge is doing all in its power to make the dinner a notable one. The menu will be specially designed as a souvenir, and the entertainment will be pleasing to all. The money remaining, after paying all expenses, will be put in the class treasury to reduce the class-day assessment.

HERE are few enough occasions in the year when a college class can cast off the restraint of its every-day work, and can get together for a jolly social time. Pre-eminent among these is the occasion of the class dinner; pre-eminent and most successful, if only the undertaking is heartily backed by the class at large, as, indeed it always should be. It is

not to be expected that every individual of a class of two or three hundred will present himself at the festive board on these occasions; but it is to be expected that none will stay away through mere apathy, or because he thinks that if so many are going it will make small difference whether he is present or not. Every man who attends his class dinner may feel that he has done something to strengthen the spirit and to forward the interests of his class, whether he goes to the dinner with these intentions or not.

The annual dinner of the class of '96 takes place to-morrow night. A first-class menu has been provided, the price is not too high, and, what with the inducements of the extraordinary feast of reason and flow of wit that are to follow the dinner, the affair should be a pronounced success. Ninety-six has never been deficient in class spirit, and if she fails to muster a large gathering to-morrow evening we shall miss our guess.

HE steps taken by the Faculty in appointing over each first-year student an instructor who will take a kindly interest in him, and will act as an adviser in matters pertaining strictly to his work at the Institute, cannot but be looked upon with a great deal of interest. The fact that a choice of courses becomes necessary soon after entering Technology, and that the nature and method of the work is entirely different from that previously undergone by the students, and perhaps unexpectedly so, seems to render the suggestion a valuable one. How truly meritorious such a scheme may be must depend largely upon the Freshman himself. In many cases it cannot fail to be of the greatest service; in all, it will be much more of a help than would at first be imagined. The present Freshman class seems to regard the idea very favorably, and it is hoped the plan will be successful.

In carrying out this plan and in abolishing examinations, so far as possible, in all subjects

of the first two years, the Faculty have shown that they are alive to the very best interests of all. Certainly every man should appreciate very fully these efforts in his behalf.

HE Physics library, as well as the Architectural and the Engineering library, is now provided with electric lights. The circuit has not yet been extended to the Chemical library, and the libraries of the Rogers building are still dependent on flickering gas jets. The lengthening days lessen the immediate need of better lighting facilities, but The Tech hopes to see the wires extended still farther before long. The General Studies library, which is used more than any other library of the Institute, especially needs better arrangements before another year. The Tech will be glad to record further improvement in this important matter.

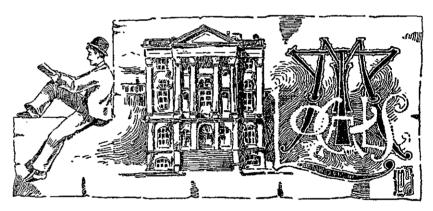
#### Calendar.

- Feb. 8th.—"Architecture in America, and Influence of the French School." Prof. D. Despradelles, Room 12, Architectural, at 8 P. M.
  - "Naval Architecture," Prof. C. H. Peabody, Room 27, Rogers, at 7.30 P. M.
  - "Chemical Mineralogy," Professor Crosby, Room 12, Rogers, at 7.30 P. M.
  - "The History of English and Irish Relations, and the Question of Home Rule for Ireland," Professor Currier, Room 22, Rogers, at 7.45 P. M.
  - "The Design of Iron-riveted Structures," Professor Swain, Room 21, Rogers, at 7.30 P. M.
- Feb. 9th.—"The Measurement and Calculation of Earthwork," Prof. C. F. Allen, Room 26, Rogers, at 7.30 P. M.
  - "Geodetic and Topographical Surveying," Professor Burton, Room 12, Rogers, at 7.30 P. M.
  - "Elements of the Theory of Functions," Professor Tyler, Room 21, Rogers, at 7.45 P. M.
  - "Pauperism and Crime," Professor Dewey, Room 22, Rogers, at 7.45 P. M.
  - Ninety-Six Class Dinner, Parker House, at 7 P. M.
- Feb. 10th.—B. A. A. Open Meeting. M. I. T.-W. P. I. team race, Mechanics Hall, at 7.45 P. M.
  - Meeting of the Deutscher Verein, at 12 M. Place of meeting will be announced by bulletin.

- Feb. 12th.—"The Architecture of the Renaissance," Professor Homer, Room 12, Architectural, at 7.30 P. M.
  - "The History of English and Irish Relations, and the Question of Home Rule for Ireland," Professor Currier, Room 22, Rogers, at 7.45 P. M.
  - "The Design of Iron-riveted Structures," Professor Swain, Room 21, Rogers, at 7.30 P. M.
  - "Geodetic and Topographical Surveying," Professor Burton, Room 12, Rogers, at 7.30 P. M.

K2S, The Thorndike, at 7.30 P. M.

- Feb. 13th.—Christian Union Meeting, Room 27, Rogers, at 1.50 P. M. Subject, "Our Responsibility for the Sins of Others" (1 Cor. viii. 9-13).
  - "Mediæval German History and Literature," Professor Dippold, Room 11, Rogers, at 7.45 P. M.
  - "Chemical Mineralogy," Professor Crosby, Room 12, Rogers, at 7.30 P. M.
  - "Elements of the Theory of Functions," Professor Tyler, Room 21, Rogers, at 7.45 P. M.
  - "Pauperism and Crime," Professor Dewey, Room 22, Rogers, at 7.45 P. M.



Call at the Cage for mail.

Notman has been chosen photographer for the Senior class.

February 17th is the date set for the election of '96's "Technique" electoral committee.

The annual exhibition of the Photographic Society will be held about the third week of April.

Friday evening, February 9th, at the Parker House, is the date and place of the '96 class dinner. Sophomores should paste this in their hats.

Edward J. Wilson, III., '86, formerly superintendent of the Smelting Works at Monterey, Mexico, has accepted a similar position at Rico, Col.

The M. I. T. A. C. closed sparring meeting, which was advertised in the Tech calendar of last issue for February 3d, has been changed to February 17th.

Prof. Arlo Bates began his series of lectures to the Sophomore class in English with a very interesting one on the England of the time of the Commonwealth.

Seniors, save your cash for the dinner, February 20th. Tickets may be obtained of Messrs. E. D. Clark, C. R. Knapp, and R. B. Price, at \$2.50 each.

Sparring and wrestling meet of the M. I. T. A. C. on Saturday, February 17th, at 8 p. m. in the Gym. All come and bring a friend. Admission fifty cents.

Ninety-six is an energetic class. The latest Sophomore achievement seems to be the record-breaking report of a course II. man, who received eight H's out of a total of ten subjects.

The Boston art students who now occupy Winslow's Rink, are holding weekly meetings in Room 11, Rogers Building, on Friday evenings, for purposes of discussion and exhibition.

The Tech office has been recently embellished with a large framed picture of the class of '93, and also with a copy of the victorious '96 football team, both of which will eventually appear in the trophy room.

The Architectural Society expects to have an Italian supper during this month. Mr. Ross Turner has kindly consented to take charge of the affair, and to prepare a genuine Italian menu for the occasion.

During the vacation the second-year civil drawing room received a coat of white paint, which materially adds to the light in that room. A similar coat would make the other rooms look brighter during the dull days.

All themes handed in to the English department are kept on file, and any student on leaving the Institute may obtain his papers by applying for them at Room 33. Themes will

not be returned until the end of the course unless for special and satisfactory reasons.

Many Freshmen were surprised to learn that most of the questions in the examination in military tactics were indicated in a notice in the military bulletin. A little more attention to bulletin notices on the part of Freshmen seems desirable.

The Christian Union showed commendable spirit in getting out at the beginning of the term a neat little calendar containing a list of the meetings, and subjects for the Union for the remainder of the year, and also a very convenient tabular view.

The Society of Arts holds its meeting this evening in the Engineering Laboratory. Professors Lanza and Miller will explain the three testing machines to the society, and also to the "M. P." Club and the Academy of Arts and Sciences, who are invited guests.

The "flunked half" of '96 in Descriptive Geometry have already begun to consider various schemes for a rapid and entirely comprehensive review of the subject. It is expected that as a result of the investigation many ideal suggestions will be received.

A course of lectures on "Journalism" is offered by Professor Bates, if five students will combine for a class. Professor Dewey's lectures on "Social Reform," and Mr. Ripley's course in "Sociology," are evidence of the attention paid to the questions of the present day.

First and second year men are not so jubilant as they expected to be over the prospect of the partial abolition of examinations. They realize that their work is to be no easier, and must necessarily be much more steady; which is only a different way of saying that they will have to keep right up to date all the time.

All members of the Senior class, the corps of Instructors of the Institute, and those students who were formerly connected with the class of '94, will please sit for photographs at Notman's at once.

Senior Photograph Committee.

During the vacation, the second-year civil engineering drawing room was considerably altered. The Sophomore class proved to be too large to be well accommodated last term. Now, however, by diminishing the size of one of the offices, more desks have been admitted, and the whole arranged very satisfactorily.

All men whose names are not in the catalogue as regular fourth-year students, and who are now, or ever have been, connected with the class of '94, will confer a favor upon the Senior photograph committee by sending their names to the committee immediately. Address the Senior photograph committee, at the Cage.

An additional lecture hour has been given to the course in second year English Literature. Four hours per week, is as heretofore, the total amount of time granted to this course; but by the new arrangement there are two hours of lectures and two of preparation, instead of one hour of lectures and three hours' outside work.

The costumes used by the Cadets in their new play, "Tabasco," were designed by Mr. Otto W. McD. Cushing, instructor in free-hand drawing at the Institute. Mr. Cushing, who is a member of the corps, spent some time in Morocco, where the scene of the play is laid. While at Paris he studied at the famous Julian Academy, under Benjamin Constant and Jean Paul Laurens.

Badgley, Gutterson, and Richardson, all of the class of '95, sailed for Europe during the vacation. They expect to meet in Paris and continue their studies there for a few months. After their arrival in that place course IV. will be represented in the studios of Paris by a delegation of six. Being ahead of their class their short absence will not prevent their graduating next year.

The event of events in the mechanical engineering department during the semiannual recess, was the marriage of Mr. C. A. Read.

It was in Woburn, at the house of Rev. W. C. Barrows, whose niece, Miss Creech, is now Mrs. Read. Mr. Swan, of the mechanical engineering department, was best man, and another member of the same department was present, and certifies that the knot was tied in the most approved fashion.

After a month or so of inactivity the Deutscher Verein is to start up again. Its formation took place so late last term that only routine business could be accomplished up to the time of the semiannuals. Now, however, everything is ready for the Verein to proceed to the work for which it was founded. A meeting is to be held this week, and an attractive programme is promised.

The Freshman has not even yet given up his unique ways. The '97 man who started, after completing his semiannual exams., for his home in Cincinnati proudly arrayed in his drill suit, must have learned by this time that such apparel is hardly intended for such a purpose. He certainly proved an apt subject of jest for the Tech men who embarked with him on the Fall River boat.

A meeting of the class of '96 was held on Friday, February 2d. The amendment to the constitution relative to the petition of the five year '96 men was to have been voted on at this meeting; but, owing to the fact that two-thirds of the class were not present, it was laid on the table. It was voted that the class dinner begin at 7 o'clock, and also that the election for '96's "Technique" electoral committee take place on Saturday, February 17th. Further business was the election of Mr. H. J. Fiske to the co-operative board, and that of Mr. Tower as manager of the baseball team. After a vote of thanks to the "Technique" committee the meeting was adjourned.

The mark H will not be given at the Institute in the future. This will not explain the conspicuous absence of such marks in some of the last reports issued, since the rule did

not go into effect until the beginning of this term. This change was partly brought about by the abolition of examinations in the first and second years, which will make it very difficult to get exact figures for the student's standing. This will evidently discourage the grind, if, by this word, we mean one who is foolishly ambitious for high marks. If supply and demand regulate the price of C's, it is a matter admirably suited for speculation as to how many hours of work the C will rise in value in the immediate future. With cramming stopped, and the grinds' light put out at ten, we may truly be said to be in the era of renaissance at Technology.

The French Society makes its bow before the musical and dramatic world on March 30th, the first Friday after Easter. who have the entertainment in hand hope to secure, at moderate rental, the new Copley Hall, in the remodelled Winslow Rink. will be more convenient for all concerned than Huntington Hall could possibly be. The stage arrangements of the new hall are first-class, and besides, the public would not be inflicted with a long climb of steps. The ballets will be very bright. They are in charge of one of the best dancing masters in Boston. In the first play, "L'Amour de l'Art," the ballet of the "Four Arts" will make its appearance, and in the second, "L'Andalouse," the four dancing "Pipes" will be attended by a fairy impersonating "Fire," a very necessary adjunct to a pipe. The training for the ballets will be very severe and thorough, while the costumes will be artistically faultless.

On Wednesday afternoon, January 31st, the entire Freshman battalion, in full uniform, assembled in the armory to hear the announcements of the successful candidates for commissions and noncommissions. The extra weight of the cloth in the uniforms did not restrain the buoyant spirits of the rest of the battalion, for they cheered lustily whenever one of their favorites received an office.

After the officers were assigned to their companies a competitive drill was held, to select two sergeants to fill the positions of colorbearers. Each of the privates who competed for color-guards seemed to have his own version of the tactics, and were quickly thinned out by the Lieutenant. The signal corps, numbering about twenty, is progressing very rapidly under squad leaders. Lieutenant Hawthorne intends to have them instruct the Freshmen of the engineering courses in the art of signaling, as it would be of considerable use to them in their field work. commander and officers of the corps will be appointed later on in the term. The roster of the Freshmen who will wear chevrons follows by companies:—

Company A: W. Humphrey, captain; C. W. Haskins, J. W. Tewksbury, lieutenants; O. S. Pike, first sergeant; A. V. Curtis, P. M. Cummings, G. S. Lawler, E. H. Woodworth, sergeants; E. A. Brainerd, A. H. Pugh, A. W. Lee, J. R. Daniels, F. B. Records, corporals.

Company B: G. H. Pratt, captain; R. F. Horsford, C. W. Frazier, lieutenants; C. W. Bradley, first sergeant; E. G. Portner, B. F. Healey, J. Temple, A. C. Lam, sergeants; J. P. Illstey, D. D. Field, T. E. Videto, M. V. Ayres, W. E. Spear, corporals.

Company C: H. W. Allen, captain; W. Page, W. L. Lee, lieutenants; C. W. Pettee, first sergeant; F. G. Feeley, C. Nickerson, B. Barrows, E. S. Wyard, sergeants; S. A. Curtis, W. A. Faxon, J. W. Kelley, F. W. Le Baron, F. J. Hemming, corporals.

Company D: J. R. Macomber, captain; W. R. Parker, C. M. Swan, lieutenants; G. R. Wadleigh, first sergeant; H. M. Loomis, D. Schwartz, W. B. Russell, A. H. Mann, sergeants; A. C. Lawley, E. W. Ritchie, F. A. Hunnewell, G. M. Woodman, C. B. Breed, corporals.

A. I. Franklin, adjutant; E. R. Olin, sergeant major; C. H. Eames, S. L. Howard, color-sergeants; L. R. Leonard, H. Orr, color-guards.

Last year's graduates whose names and occupations have not already been published in The Tech, are as follows:—

Edmund E. Blake, II., with Pettee Machine Co.

Grosvenor T. Blood, VI., Graduate Student, Massachusetts Institute of Technology.

Earnest C. Bryant, B.S., I., with Canadian Bridge and Iron Co.

William W. Carter, X., Graduate Student, Massachusetts Institute of Technology.

Wilfred A. Clapp, I., with United States Coast and Geodetic Survey.

Albert G. Davis, VI., Designer and Constructor of Ore Roasters.

Edward D. Densmore, VI., Student, Harvard University. Frederick N. Dillon, V., with D. M. Dillon, Boiler Manufacturer.

Walter L. Frisbie, II., Draughtsman for the Mechanical Engineer, The Coe Brass Manufacturing Co.

Edward McK. Hager, II., Graduate Student, Sibley College, Cornell University.

George T. Hanchett, VI., Engineer for the Commercial Electric Construction Co.

William G. Houck, I., Draughtsman, with Buffalo Bridge and Iron Works.

Frederic H. Keys, II., representing The Turner Brass Works.

Willis T. Knowlton, I., with Hodges & Harrington, Civil Engineers.

William T. Lamb, VI., with American Telephone and Telegraph Co.

Harry N. Latey, VI, with Westinghouse Electric Manufacturing Co.

Harry M. Latham, II., Draughtsman, with D. M. Osborne & Co., Manufacturers of Harvest Machines.

John W. Logan, II., Draughtsman, Pennsylvania Iron Works Co.

Benjamin M. Mitchell, II., Mechanical Engineer for the Manhattan Rubber Co.

Cecil E. Paine, II., with The Bath Iron Works.

Joseph Y. Parce, Jr., II., with American Tool and Machine Co.

Leo W. Pickert, V., Assistant Chemist, American Sugar Refining Co.

James H. Reed, Jr., VI., with National Sewing Machine Co.

A. Blakely Smith, IX., with Albert W. Smith, Dealer in Domestic Wools.

Frederick D. Smith, I., Assistant to Superintendent of Construction, Metropolitan Sewerage Co.

Charles M. Spofford, I., with N. Spofford, Civil Engineer. Lovell B. Stowe, I., with New England Telephone and Telegraph Co.

Frederick C. Sutter, VI., with Westinghouse Electric Manufacturing Co.

Walter I. Swanton, I., in Civil Engineering Department, Boston & Albany R. R. Co.

Charles M. Taylor, II., Draughtsman, The Atlantic Works. Winthrop P. Tenney, VI., with Walter H. Tenney & Co., Manufacturer of Boots and Shoes.

Winthrop L. Tidd, II., with Oakland Mills.

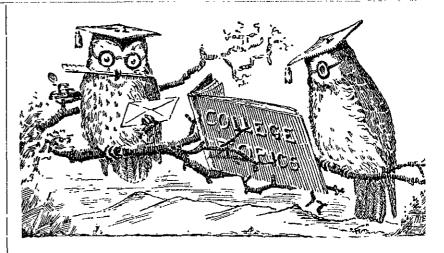
Louis B Vining, VI., with Testing Department, Chicago Telephone Co.

S. Payson Waldron, I., Traveling.

George L. Walker, B.S., I., Assistant to Superintendent of Construction, Bloomingdale Asylum.

Frederic A. Wallace, II., Draughtsman, Pacific Mills.

Jonathan E. Woodbridge, VI., City Inspector, Electric Meters.



At a hare-and-hounds run, which was held recently at Smith, fourteen girls ran thirteen miles.

Of the four Yale-Harvard debates held thus far, Harvard has won two, and two have been left undecided.

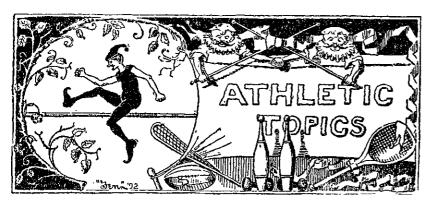
Among the best holiday numbers of college papers are Wellesley Magazine, University News, and The Tech.—Daily Cardinal.

President Andrews of Brown, has refused the Chancellorship of Chicago University, offered to him recently by President Harper.

Joseph Wiggin, L.S., has been unanimously elected captain of the Harvard baseball nine, in place of Benjamin Cook, Jr., who resigned last month. Wiggin graduated in the class of '93.

Columbia won the intercollegiate chess tournament played in New York during the holidays. Columbia had a total of 8½ wins; Harvard was second with 7; Yale third with 5, and Princeton last with 3½.

Wellesley College has recently sustained a severe loss in the death of the president, Miss Helen A. Shafer. Her death, occasioned by pneumonia, was a shock to the college and her friends, as she had seemed, but a week before, in perfect health. Miss Shafer became president of Wellesley in 1888, and her administration was marked by great executive ability, the college having increased in the number of students, in the number of departments, and in financial resources.



M. I. T. vs. W. P. I. at B. A. A. games February 10th in Mechanics Building.

Lieutenant Hawthorne and Professor Van Daell are warm friends of the Athletic Club.

Tech men meet at the left of the stage on Saturday night just before the M. I. T.-W. P. I. team race.

It was through the kindness of Lieutenant Hawthorne that the Athletic Club obtained the South Armory.

Instructor Boos is coaching men for the wrestling events each evening. He hopes to enter six or more for February 17th.

T. P. Curtis was considered a promising candidate for the team, but was obliged to withdraw, as his football injury still troubles him.

Andrews, Owen, Rockwell, Thomas, Clapp, and Lord were chosen for the M. I. T. team to race Worcester Polytechnic Institute next Saturday night.

Champion James J. Corbett has accepted an invitation to witness the sparring and wrestling meeting February 17th, and will be a great card for the Athletic Club.

Now is the time to join the Athletic Club! Members will be admitted to the sparring and wrestling meeting and the in-door championships of New England, which will be held in the South Armory, March 10th, upon presentation of their membership tickets.

The B. A. A. and Chicago A. A. joint sparring meeting, arranged for February 21st, will be held in the Casino building. Three men from the "Windy City" will meet Peters,

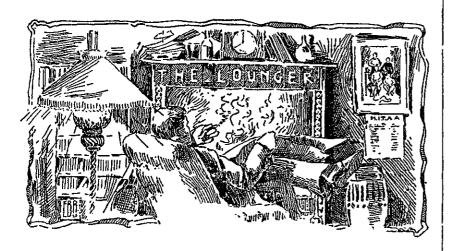
Hunt, and Williams of the B. A. A. These, with nine special bouts, will make a great card.

W. J. Batchelder and R. Sturgis, 2d, have been training for the past month for the M. I. T. A. C. games February 17th. Sturgis has been under the care of New York trainers, who will come on to second him at the games, while Batchelder has been testing his agility with the B. A. A. sparring instructor.

The officers in charge of the open sparring and wrestling meeting, February 17th, of the M. I. T. A. C., are as follows: Eugene Buckley, B. A. A., referee of sparring and wrestling; F. G. Curtis, B. A. A., J. L. Batchelder, Jr., M. I. T., judges; John Graham, B. A. A., master of ceremonies; J. W. Bowler, C. B. G., timer; R. P. Russell, S. A. C., clerk.

Never were so many entries received, and never before were Tech games so well advertised as for the sparring and wrestling meeting, February 17th, in the gymnasium at 8 p. m. There will be about ten bouts in sparring, six of wrestling, and six of fencing. This is a programme well worth the price of admission, fifty cents, and the gymnasium will be filled to its utmost capacity. Tickets may be obtained at the door only.

The sparring and wrestling meeting to be held under the auspices of the M. I. T. Athletic Club in the gymnasium, February 17th, will be a most interesting entertainment, and the cleanest boxing desired may be looked for, as the events are open to Harvard, B. A. A., and M. I. T. only. Already entries have been received from the B. A. A., and Harvard guarantees to send a large list of entries. Cabot in the fencing, Sturgis, Thomas, and Hayden in the wrestling, and Dove, Sturgis, and Batchelder in the sparring, are a few of the Tech entries. Beautiful banquet lamps will be given to first and second in each event.



THE Lounger has been informed of the inaccuracy of statements made in the last issue of The Tech regarding the recent examination in Military Tactics. He regrets that any such appeared, and henceforth will regard information obtained on military matters with suspicion. He wishes to assure his readers and the military department that misrepresentation or personal reflection was farthest from his intentions. for the flag which adorned the Rogers Building on the day in question, the Lounger can only say that its first appearance there naturally created surprise and comment. It has always seemed to the Lounger a matter of regret that necessity has forced this institution into a position verging on a military academy; but while present conditions remain, the Lounger, with all Tech men who desire the prosperity of the Institute, must frankly accept the situation despite an occasional smile at the inconsistencies thereby brought about.

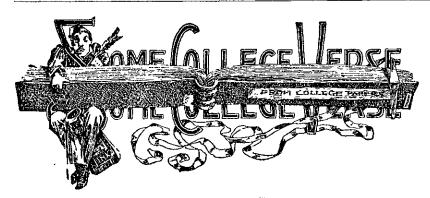
With feelings of surprise and satisfaction the Lounger learned that the Faculty voted to come to his assistance in the matter of giving students friendly advice. For many years he has been the sole adviser of the Freshman, and has enjoyed giving the cheerful assistance required. Like the Lounger, the Faculty advisers refuse to assume any responsibility for the conduct and deportment of students outside the walls of the Institute, although judicial counsel will be given on all matters of interest to the students. Lounger welcomes these student advisers to the broad field before them; but he would warn them that the work is oft a bootless task, and that the influence and guidance of the student mind is many times unappreciated. Students will still come and go regardless of warning word or suggestive expression. We shall still hear of Freshman antics and Sophomoric bombast, of Junior indulgence and of Senior conceit, as long as the educational mill turns high school cadets into

business men. Yet, after all, there is the satisfaction of knowing that all has been done that could be done in the proper direction of the student mind. Consciousness of good intention, and gratification in the fulfillment of prophetic words, will ever be the reward of friendly counsellors, and the Lounger welcomes the new advisers to participation in these pleasantries.

The Faculty and the Lounger also agree as to the late changes in the examination system. After a last struggle we are told that the general season of grind is to be no more. It is true that the gay followers of learning can scarcely afford the reckless cuts of former days, when these indulgences were counterbalanced by a two weeks steady grind, but the less festive student will welcome the knowledge that term work will be sure to count in the end. The Lounger has yet to learn that this change means that less work will be required than heretofore, but its distribution should be more equable. Previous years have seen more than one man leave the Institute broken down in health, as a direct result of the mental and physical strain of examination. On the other hand, men who, like the Lounger, have quietly disappeared during the grinding process, may now feel impelled to resume a serious sheep chase under the influence of the new régime.

. . . . . . . . . . .

At last the final day has come when the great Technique board retires to sit upon the respective merits of the grind fiends. For weeks the Lounger has awaited this event, which removes the ever-present pencil and the observing eye of the grind maker from the land. It is sad to think that the accumulated mass of covert reflections which now lie so quietly in the editor's drawer, will sometime strike, and wound, and rankle in the indignant breast of so many unsuspecting people. Alas, friends, for the drubbing that awaits us! The vexations that flesh is heir to fall keenest in this busy circle whose crowded curriculum reserves the individual expression of character estimation for certain occasions. When at last the day is at hand on which '95 brings forth the protracted work of months, let us all indulge in a "Technique," if for no other reason than to learn our shortcomings, that in future years we may profit by the scathing pencil of the grind fiend, and learn how to wreak our vengeance in "Techniques" to come. This latter opportunity has ever been the only consolation of the victims of the grinds.



Γempus fugit," said the Romans;
Yes, alas! 'tis fleeting on;
Ever coming,
Ever going,
Life is short, and soon 'tis gone.
But as I think of next vacation,
Poring o'er these lessons huge,
Ever harder,
Ever longer,
All I say is, "Let her fuge."

-Yale Record.

#### COUNTRY AND TOWN.

Summer's reign is nearly past
Over farm and hill,
Work is finished now at last,
All the world is still.
Dolly, with her pretty hands,
Lays the meal again,
Then beside the doorway stands,
Waiting for the men.

'Mid the tumult of the town
Summer fades and dies;
Twilight gives to earth a crown,
Evening gems the skies.
In her parlor after tea,
Just from eight to ten,
Sitteth lonely Dorothy,
Waiting for the men.

-Red and Blue.

#### LOVE AND FOOTBALL.

A man and a Vassar maiden,
With wind and waves atune,
Talked low of love and football,
'Neath a mellow Newport moon.

The Vassar maid had hinted
That Vassar girls might play
At Rugby, 'gainst his college,—
And beat them too,—some day.

"If you should play," he whispered,
"Your college against mine,
I'd like to play left tackle
On the opposing line."

Then drooped her head, the maiden,
With blushes red as flame,
And said, "Since this may be so,
Let's have—a practice game."

-Inlander.

#### THE WEATHER.

We grumble and we growl at it,
Exclaiming in dismay;
We twirl a young moustache in rage,—
"Was ever such a day?"

We use bad language? Well, perhaps, Or else we say, "Alack! What man can train for championship On such a muddy track?"

But what a blessing when we meet That oft-encountered maid Who absolutely will not talk, No matter what you've said;

For even she bestirs herself, Awakening from her dream, And even waxes eloquent Upon the threadbare theme.

I wonder really now, you know,
I wonder, really, whether
We fellows could get on at all
Without the "blooming weather."

-The Occident.

#### A WINTER SERENADE.

While the moon climbs up the slope,
And the hours downward creep;
When the stars shine cold like gleams of light,
Sleep, my beloved, sleep.

When the waves' long throbs are hushed, And the lonely night winds sigh; When the trees uptoss their ghostly arms Into the quiet sky;

When the leaves like phantoms flit,
And in whirling circles meet;
While night rules all, and the world is still,
Thy sleep, my love, be sweet.

-- Vassar Miscellany.

#### A Bunch of Violets.

Those violets blue
With their faces so bright,
Sent kindly by you,
Those violets blue,—
Such an exquisite sight,
Filled my heart with delight,
Those violets blue
With their faces so bright.

The memories they bring,
Of the days that are past,
To my being still cling.
The memories they bring,
Time never shall blast;
But they ever shall last.
The memories they bring,
Of the days that are past.

E. S. M., '96.

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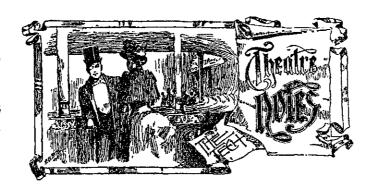
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Boston Museum. — Monday, Feb. 12th, Frohman's Lyceum Comedy Company in "Americans Abroad." Evenings at 8; Wednesday and Saturday matinees at 2.

Hollis Street Theatre. — Monday, Feb. 12th, Felix Morris. Evenings at 7.45; Wednesday and Saturday matinees at 2.

PARK THEATRE. — Monday, Feb. 12th, Russell's Comedians in "About Town." Evenings at 8; Saturday matinee at 2.

COLUMBIA THEATRE. - Monday, Feb. 12th, "Charley's Aunt." Evenings at 8; matinees at 2.

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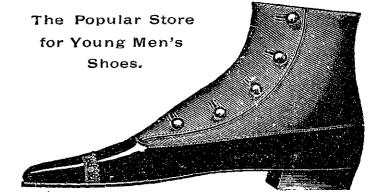
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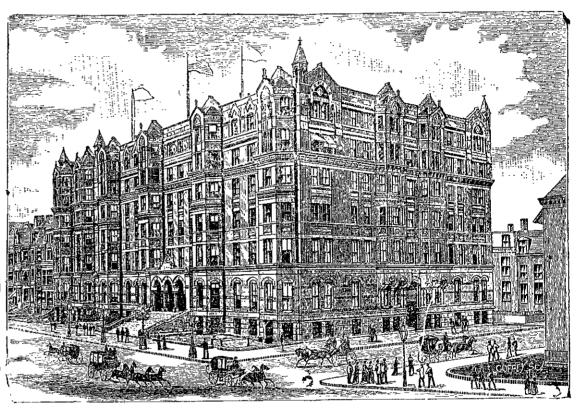
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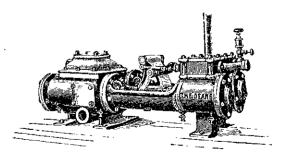
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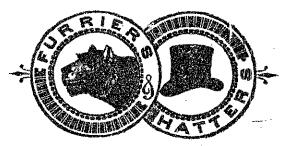
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